

Supporting Information

(Na_{0.5}Bi_{0.5})_{0.7}Sr_{0.3}TiO₃ Modified by Bi(Mg_{2/3}Nb_{1/3})O₃ Ceramics with High Energy-Storage Properties and Ultrafast Discharge Rate

Ying Lin,^{*a} Da Li,^a Miao Zhang^a and Haibo Yang^{*a}

^a School of Materials Science and Engineering, Shaanxi Key Laboratory of Green Preparation and Functionalization for Inorganic Materials, Shaanxi University of Science and Technology, Xi'an 710021, China

* Corresponding Authors

(Ying Lin*) Email: linyong_333@163.com

(Haibo Yang*) Email: yanghaibo@sust.edu.cn

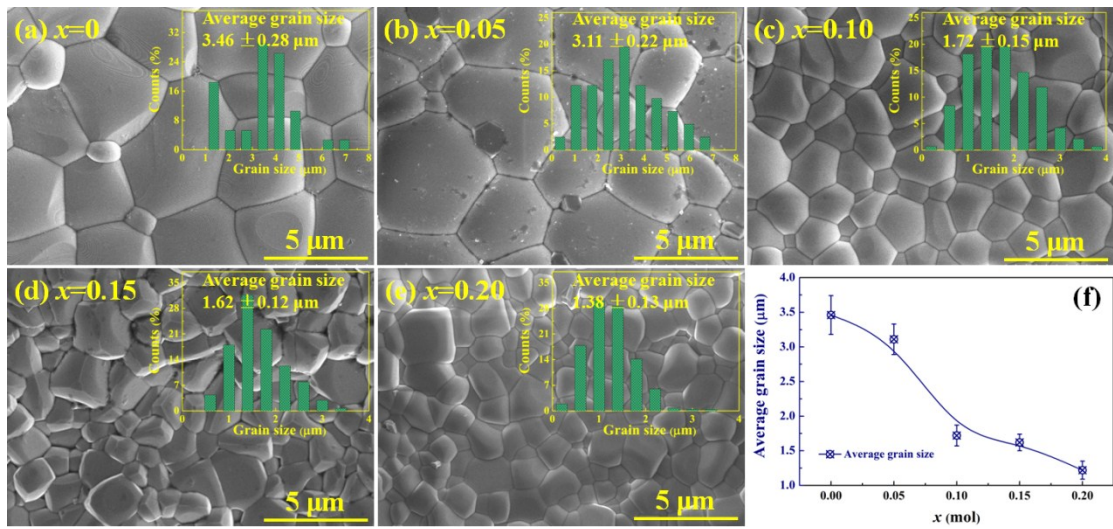


Figure S1. SEM of the natural surface for the (1-x)NBST-xBMN ceramics: (a) $x=0$, (b) $x=0.05$, (c) $x=0.10$, (d) $x=0.15$, (e) $x=0.20$. (f) Average grain sizes of the (1-x)NBST-xBMN ceramics.

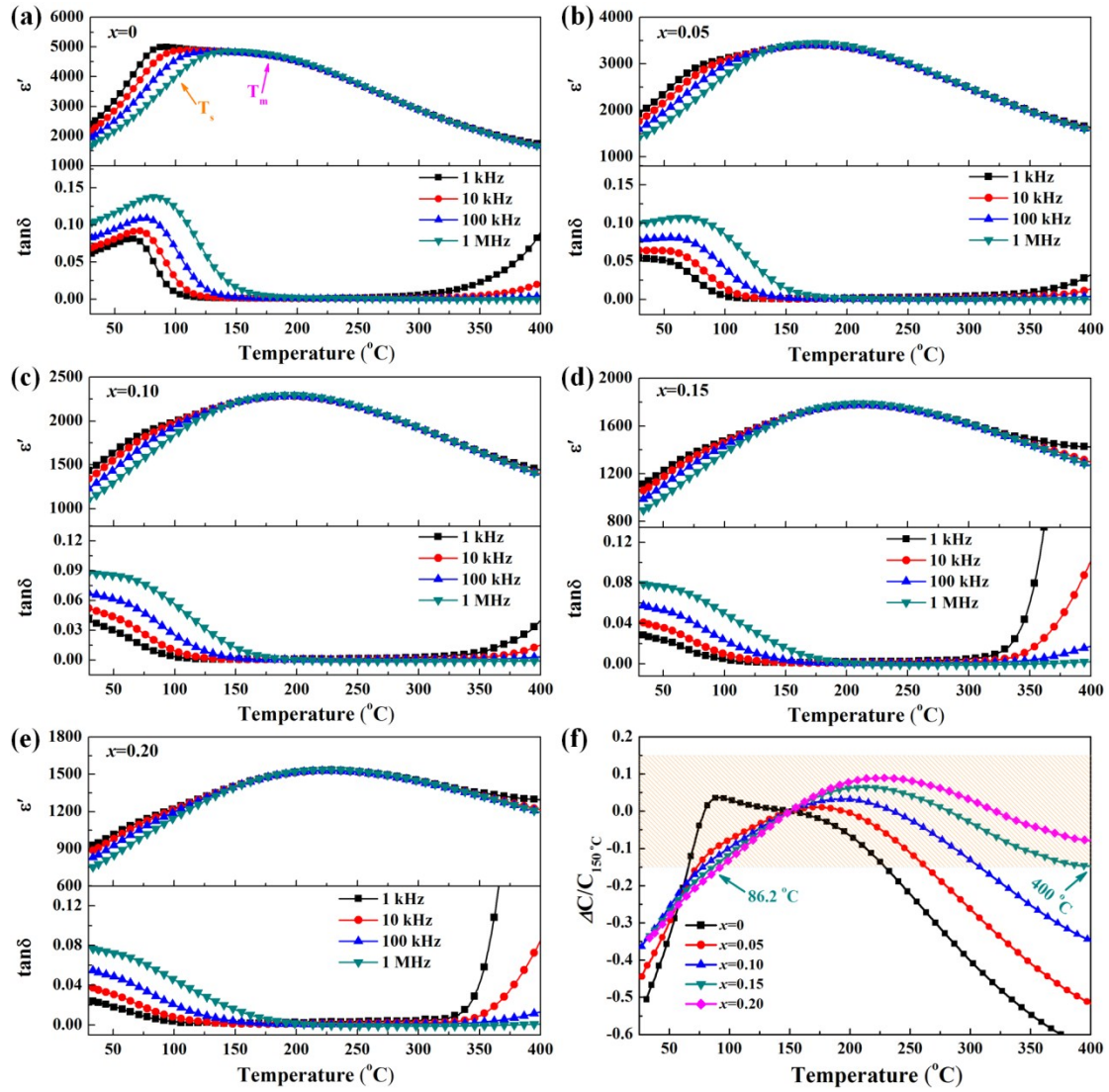


Figure S2. Temperature dependence of $\tan \delta$ and ϵ' of the $(1-x)\text{NBST}-x\text{BMN}$ ceramics measured from 1 kHz to 1 MHz: (a) $x=0$, (b) $x=0.05$, (c) $x=0.10$, (d) $x=0.15$ and (e) $x=0.20$. (f) TCC of the $(1-x)\text{NBST}-x\text{BMN}$ ceramics at a frequency of 1 kHz and a base temperature of 150 °C.